



2001 Toxics Release Inventory

INDIANA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	129,089,222
Air Emissions	77,828,675
Surface Water Discharges	20,104,003
Underground Injection Class I Wells	1,074,584
Underground Injection Class II-V Wells	140
On-site Land Releases to RCRA Subtitle C Landfills	163,777
Other On-site Land Releases	29,918,043
Off-site Releases (Transfers Off-site to Disposal)*	76,468,560
Total On- and Off-site Releases	205,557,782
Recycled On-site	163,252,657
Recycled Off-site	167,198,128
Energy Recovery On-site	191,884,163
Energy Recovery Off-site	14,341,052
Treated On-site	243,043,965
Treated Off-site**	13,652,032
Quantity Released On- and Off-site***	208,328,798
Total Production-related Waste Managed	1,001,700,794
Non-production-related Waste Managed	318,766
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	162,169,438
Energy Recovery	14,016,355
Treatment	5,313,584
Publicly Owned Treatment Works (POTWs)	8,441,476
Metals and Metal Category Compounds*	81,711
Non-metal TRI Chemicals**	8,359,764
Other Off-site Transfers****	58,057
Transfers Off-site to Disposal (not including metals to POTWs)	81,177,642
Total Transfers Off-site for Further Waste Management, including Disposal	271,176,552

- * Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
- *** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
- **** Transfers reported without a valid waste management code.

For More Information . . .

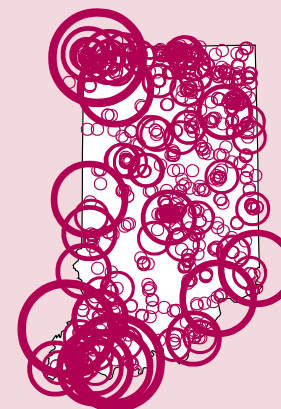
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Indiana. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	6,126,743
Square Miles	35,870
Total Facilities	1,101
Total Forms	4,133
Form As	418

	Total
National Rank for Total On- and Off-site Releases*	
Rank	8
Pounds	205,557,782
National Rank for Total On-site Releases**	
Rank	10
Pounds	129,089,222
National Rank for Total Releases within State***	
Rank	8
Pounds	186,295,993
National Rank for Production-related Waste Managed	
Rank	7
Pounds	1,001,700,794

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds***	420,434	49,392	0	7,741,995	51,020,594	59,232,415	670,912	28,425,796	22,594,849
7647-01-0	Hydrochloric acid	24,737,524	0	0	0	10,204	24,747,728	0	0	10,204
—	Nitrate compounds	1,550	17,163,596	0	42,819	107,646	17,315,611	1,173	107,380	516
—	Manganese compounds	144,056	58,354	5,200	6,442,087	7,020,412	13,670,109	86,072	4,476,200	2,544,212
7664-93-9	Sulfuric acid	13,018,562	0	0	0	101,132	13,119,694	5,905	1,800	99,332

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds***	44,676.44	5,257.86	1,439.90	994,989.28	2,795,615.92	3,841,979.41	188,978.39	1,968,222.60	835,831.20
7439-92-1	Lead	11,292.54	861.69	0.00	9,835.92	897,664.31	919,654.46	111,286.54	258,495.24	639,174.79
—	Polycyclic aromatic compounds	28,690.48	68.00	0.00	860.00	14,142.59	43,761.07	31.30	12,908.42	1,234.17
—	Mercury compounds	6,577.87	124.95	0.40	2,852.50	1,026.96	10,582.68	537.91	778.03	388.93
1336-36-3	Polychlorinated biphenyls (PCBs)	11.17	0.00	0.00	2,042.00	118.74	2,171.91	0.00	0.24	118.50
191-24-2	Benzo(g,h,i)perylene	877.68	21.00	0.00	0.00	318.44	1,217.12	0.20	318.44	0.00
7439-97-6	Mercury	589.88	1.30	0.00	147.90	335.44	1,074.52	144.35	3.00	332.44
79-94-7	Tetrabromobisphenol A	4.00	8.00	0.00	0.00	88.00	100.00	0.00	88.00	0.00
118-74-1	Hexachlorobenzene	5.55	0.00	0.00	0.00	0.00	5.55	471.22	0.00	0.00
72-43-5	Methoxychlor	2.00	0.00	0.00	0.00	0.00	2.00	24.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.41	0.00	0.00	0.27	0.51	1.19	0.14	0.37	0.14
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>184.512</i>	<i>0.017</i>	<i>0.000</i>	<i>122.942</i>	<i>233.362</i>	<i>540.833</i>	<i>61.414</i>	<i>169.338</i>	<i>64.024</i>
309-00-2	Aldrin	—****	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—****	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—****	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—****	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—****	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—****	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—****	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—****	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—****	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemicals ranking is based on the amounts in this column.

*** One facility, LTV Steel in East Chicago, reported 1,040,300 pounds of surface water discharges of zinc compounds and 250,305 pounds of lead compounds in error. The correct amounts are 6,457 pounds and 155 pounds. The corrections are included in these tables, but were received too late to be included in the other tables in this report.

**** No reports were submitted for these chemicals.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
AK Steel Corp., Rockport, Spencer	13,901	14,174,740	0	0	0	0	14,188,641	500,000	0
USS Gary Works, Gary, Lake	829,834	3,085,808	0	0	0	10,008,910	13,924,552	211,868	144,461
PSI Energy Gibson Generating Station, Princeton, Gibson	6,959,367	0	0	0	0	3,478,946	10,438,313	0	2
Clifty Creek Station, Madison, Jefferson	4,676,138	8,732	0	0	0	992,715	5,677,585	0	0
Alcoa Power Generating Inc., Newburgh, Warrick	3,998,129	11,044	0	0	0	915,941	4,925,114	148,875	0
PSI Cayuga Generating Station, Cayuga, Vermillion	3,295,698	1,539	0	0	0	1,483,845	4,781,082	0	0
American Electric Power Rockport Plant, Rockport, Spencer	1,966,276	14,231	0	0	0	2,528,399	4,508,906	0	1,618
R. M. Schahfer Generating Station, Wheatfield, Jasper	1,273,718	4,972	0	0	0	2,450,490	3,729,180	0	0
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	2,974,876	8,589	0	0	0	636,175	3,619,640	3,787	31
PSI Energy Gallagher Generating Station, New Albany, Floyd	2,860,238	2,241	0	0	0	282,751	3,145,229	0	74

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County**	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
PSI Energy Gibson Generating Station, Princeton, Gibson	2,479.30	0.00	0.00	0.00	0.00	230,616.10	233,095.40	0.00	2.00
USS Gary Works, Gary, Lake	3,061.01	3,264.00	0.00	0.00	0.00	150,035.00	156,360.01	180,058.27	1,266.00
Merom Generating Station, Sullivan, Sullivan	829.00	0.80	0.00	0.00	0.00	120,460.00	121,289.80	0.00	0.00
PSI Cayuga Generating Station, Cayuga, Vermillion	1,522.50	0.00	0.00	0.00	0.00	67,100.00	68,622.50	0.00	0.00
Essroc Cement Corp., Logansport, Cass	393.94	0.00	0.00	0.00	0.00	54,624.00	55,017.94	83.20	6.40
Alcoa Power Generating Inc., Newburgh, Warrick	1,964.02	25.07	0.00	0.00	0.00	52,893.00	54,882.09	8,767.00	0.00
Bethlehem Steel Corp. Burns Harbor Div., Burns Harbor, Porter	7,410.83	0.00	1,300.40	0.00	0.00	36,006.90	44,718.13	0.00	33,771.24
American Electric Power Rockport Plant, Rockport, Spencer	1,706.60	251.00	0.00	0.00	0.00	28,794.00	30,751.60	0.00	76.00
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	532.00	38.00	0.00	0.00	0.00	27,130.00	27,700.00	0.00	168.00
Frank E. Ratts Generating Station, Petersburg, Pike	657.40	0.00	0.00	0.00	0.00	27,002.00	27,659.40	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

** One facility, LTV Steel in East Chicago, reported 250,305 pounds of surface water discharges of lead compounds (a PBT chemical) in error. The correct amount is 155 pounds. The facility has been omitted from this table, but the correction was received too late to be included in the other tables in this report.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Steel Dynamics Inc., Butler, De Kalb	18	0	0	0	0	0	25,914,867	25,914,885	0
Nucor Steel, Crawfordsville, Montgomery	0	0	0	0	3,012,549	0	23,497,791	26,510,340	0
AK Steel Corp., Rockport, Spencer	3,000,000	0	0	0	16,930,000	0	14,687,900	34,617,900	0
USS Gary Works, Gary, Lake	10,006,589	1,062,935	57,100,000	1,774	8,521,000	0	14,264,106	90,956,404	0
PSI Energy Gibson Generating Station, Princeton, Gibson	0	0	0	0	11,042,000	0	10,438,625	21,480,625	0
Heritage Environmental Services L.L.C., Indianapolis, Marion	0	0	0	0	1,660,000	0	9,129,524	10,789,524	0
Clifty Creek Station, Madison, Jefferson	0	0	0	0	1,600,000	0	5,674,473	7,274,473	0
Alcoa Power Generating Inc., Newburgh, Warrick	0	13,684	0	0	0	0	5,073,989	5,087,673	0
PSI Cayuga Generating Station, Cayuga, Vermillion	0	0	0	0	2,813,300	0	4,780,837	7,594,137	0
American Electric Power Rockport Plant, Rockport, Spencer	0	56,508	0	0	6,110,000	0	4,515,407	10,681,915	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Quemetco Inc., Indianapolis, Marion	0.00	1.00	0.00	0.00	0.00	0.00	1,100,000.00	1,100,001.00	41,000.00
Heritage Environmental Services L.L.C., Indianapolis, Marion	0.00	0.00	0.00	0.00	0.00	0.00	760,001.00	760,001.00	0.00
Exide Corp., Muncie, Delaware	10,706,960.00	2,282,456.00	0.00	0.00	0.00	0.00	389,861.00	13,379,277.00	0.00
USS Gary Works, Gary, Lake	45,130.00	28,027.00	0.00	190.00	4,000.00	0.00	341,460.00	418,807.00	0.00
Steel Dynamics Inc., Butler, De Kalb	0.00	0.00	0.00	0.00	0.00	0.00	328,926.00	328,926.00	0.00
Nucor Steel, Crawfordsville, Montgomery	0.00	0.00	0.00	0.00	0.00	0.00	243,055.00	243,055.00	0.00
PSI Energy Gibson Generating Station, Princeton, Gibson	0.00	0.00	0.00	0.00	0.00	0.00	233,095.00	233,095.00	0.00
Merom Generating Station, Sullivan, Sullivan	0.00	1,200.00	0.00	0.00	0.00	0.00	120,660.00	121,860.00	0.00
Essex Group Inc. Plant #165, Jonesboro, Grant	0.00	47,025.00	0.00	0.00	0.00	0.00	93,151.00	140,176.00	0.00
Bethlehem Steel Corp. Burns Harbor Div., Burns Harbor, Porter	61,008.00	0.00	0.00	0.00	0.00	0.00	79,209.00	140,217.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.